

Sanitary Sewer Improvements

Lining Sanitary Trunk and Lateral Sewers

2010-11/2015-16 Capital Improvements Program

Chart of Accounts	SAE049	EN104 PWK990000	Cost for Plan Period	13,350,000
Department Responsible:	Public Works		Cost Beyond Six-year Period	—
General Category:	Infrastructure - Repair/Rehab		Committed 06-30-2009:	3,811,971
Relationship to City Goals:	Pride in Assets, Public Safety		Estimated Useful Life (years)	25
Ward(s):	1,2,3,4		Start Date:	Ongoing
Neighborhood(s):	City-wide		End Date:	Ongoing

	TOTAL	COST THROUGH 2008-09	AMENDED BUDGET 2009-10	ADOPTED BUDGET 2010-11	PLAN YEARS				
					2011-12	2012-13	2013-2014	2014-2015	2015-2016
Beginning Balance	—	—	1,746,917	2,500,000	—	—	—	—	—
Revenues:									
Federal	3,082,100	2,927,995	154,105	—	—	—	—	—	—
San. Sewer Rev. Issued	12,285,862	12,285,862	—	—	—	—	—	—	—
San. Sewer Rev. to be Issued	3,000,000	—	3,000,000	—	—	—	—	—	—
Sanitary Sewer Fund	22,520,681	7,602,378	1,568,303	—	2,250,000	2,500,000	2,800,000	2,850,000	2,950,000
Storm Sewer Fund	267,475	236,800	30,675	—	—	—	—	—	—
Total Revenue	41,156,118	23,053,035	4,753,083	—	2,250,000	2,500,000	2,800,000	2,850,000	2,950,000
Transfers In (Out):									
	—	—	—	—	—	—	—	—	—
Total Transfers	—	—	—	—	—	—	—	—	—
Expenditures	41,156,118	21,306,118	4,000,000	2,500,000	2,250,000	2,500,000	2,800,000	2,850,000	2,950,000
Ending Cash Balance		1,746,917	2,500,000	—	—	—	—	—	—
Change in Expend. (Prev. Yr.)	2,165,846	(1,659,154)	1,500,000	—	(400,000)	(225,000)	—	—	2,950,000

Description: This project provides for rehabilitation of major trunk sanitary sewers and lateral sanitary sewers that have not yet failed, but that are in an advanced state of deterioration due to age. These sewers will be lined by various techniques, and depending upon the state of deterioration of the sewer, some spot repairs may be required.

Justification: Some of the older brick sewers, as well as segmented clay tile sewers, are over 100 years old. Where applicable, lining of sewer mains has been proven to be a cost effective method of fixing deteriorating sewers, in lieu of digging up and replacing the main. The project should reduce maintenance costs, and the incidence of sewer back-ups.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This project will reduce infiltration and reduce backups. This will result in reduced flows sent to the WRA, reduced call for backups/slow flows, and reduced preventative maintenance costs (i.e. cleaning televising). Maintenance is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise Fund (EN101 PWK071000).



WORKPLAN	FY 2010 Jul-Sep 09	FY 2010 Oct-Dec 09	FY 2010 Jan-Mar 10	FY 2010 Apr-Jun 10	FY 2011 Jul-Sep 10	FY 2011 Oct-Dec 10	FY 2011 Jan-Mar 11	FY 2011 Apr-Jun 11	FY 2012 Jul-Sep 11
Annual Televising Program	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing/
Annual Lining Program	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing